BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/03/2016-17, Date:16.08.2016 ITEM NO: 09

SCHEDULE-B

NAME OF WORK: Improvements & Asphalting to main & Cross roads at BHEL Mini Colony in Ward No.13, in Shettyhalli Sub Division.

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor B.T.RaviKumar	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification complete as per the direction of Engineer-in-charge of the work.	Cum	396.09	70.15	Rupees Seventy and Fifteen Paise Only
2	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	66.02	4335.54	Rupees Four Thousand Three Hundred Thirty Five and Fifty Four Paise Only
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	260.01	5131.3	Rupees Five Thousand One Hundred Thirty One and Thirty Paise Only

B.T. Ravikumar

Signature of the Contractor

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4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Qtls	158.44	5779.08	Rupees Five Thousand Seven Hundred Seventy Nine and Eight Paise Only
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. complete as per the direction of Engineer-in-charge of the work.	Sqm	2053.8	253.93	Rupees Two Hundred Fifty Three and Ninety Three Paise Only
6	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications. complete as per the direction of Engineer-in-charge of the work.	Sqm	99.9	1349.6	Rupees One Thousand Three Hundred Forty Nine and Sixty Paise Only
7	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification complete as per the direction of Engineer-in-charge of the work.	Sqm	86.4	40.99	Rupees Forty and Ninety Nine Paise Only
8	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. complete as per the direction of Engineer-in-charge of the work.	Cum	72	1445.73	Rupees One Thousand Four Hundred Forty Five and Seventy Three Paise Only
9	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work. complete as per the direction of Engineer-in-charge of the work.	Sqm	288	27.33	Rupees Twenty Seven and Thirty Three Paise Only

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10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous tratement including cost of all materials, labour, HOM of machineries complete as per specificationsEngineer-in-charge of the work complete as per the direction of Engineer-in-charge of the work.	Sqm	2223	2.73	Rupees Two and Seventy Three Paise Only
11	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (exlcuding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per the direction of Engineer-in-charge of the work.	Sqm	2223	12.75	Rupees Twelve and Seventy Five Paise Only
12	Providing and laying bituminous concrete 30 - 40mm thickness Hot Mix Plant Usig using crushed aggregates of specified grading, premixed with bituminous binder at mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 500.9 complete in all respects with using 40 / 60 TPH Capacity With Sensor Paver Gr-II (30-45 mm) With 6% VG-30 bitumen with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum	88.92	8334.56	Rupees Eight Thousand Three Hundred Thirty Four and Fifty Six Paise Only
13	Carriage of mixed materials 10 Kms, For items of Sl.no 4. Rs. 5.20 per cum/km complete as per the direction of Engineer-in-charge of the work.	Cum	160.92	66.27	Rupees Sixty Six and Twenty Seven Paise Only
14	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading complete as per the direction of Engineer-in-charge of the work.	Cum	482.49	66.61	Rupees Sixty Six and Sixty One Paise Only

B-T-Ravi Reddy
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Dasarahalli Division,

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